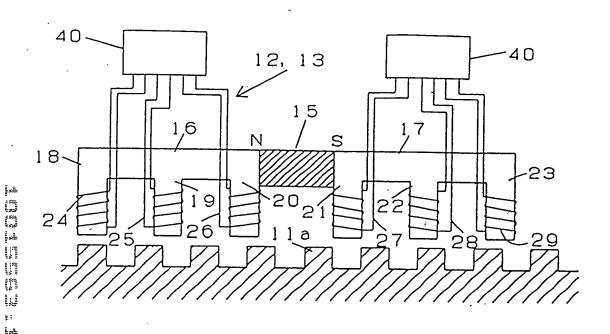
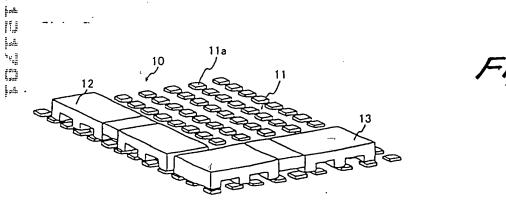


Fig. 1





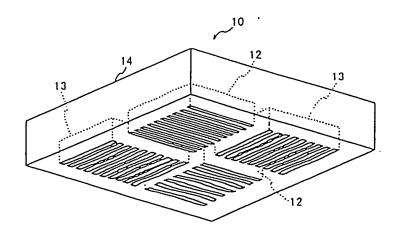
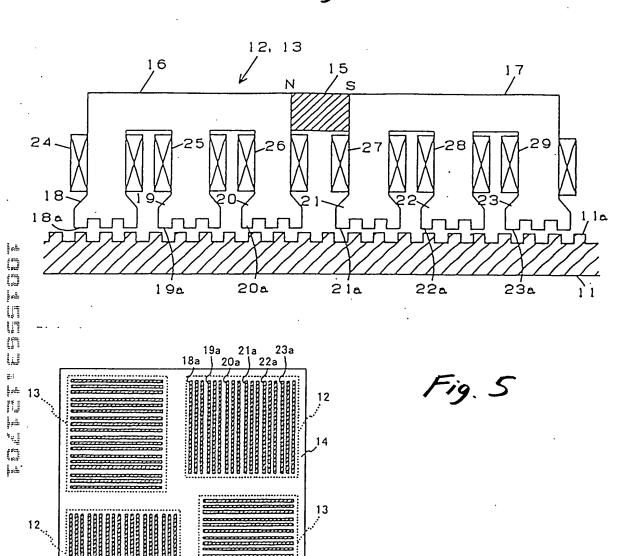


Fig. 3

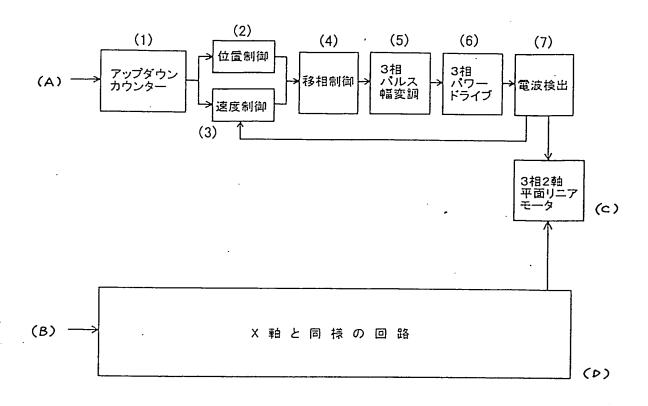
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Fig. 4



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Fig. 6



- (1) up/down counter
- (2) position control

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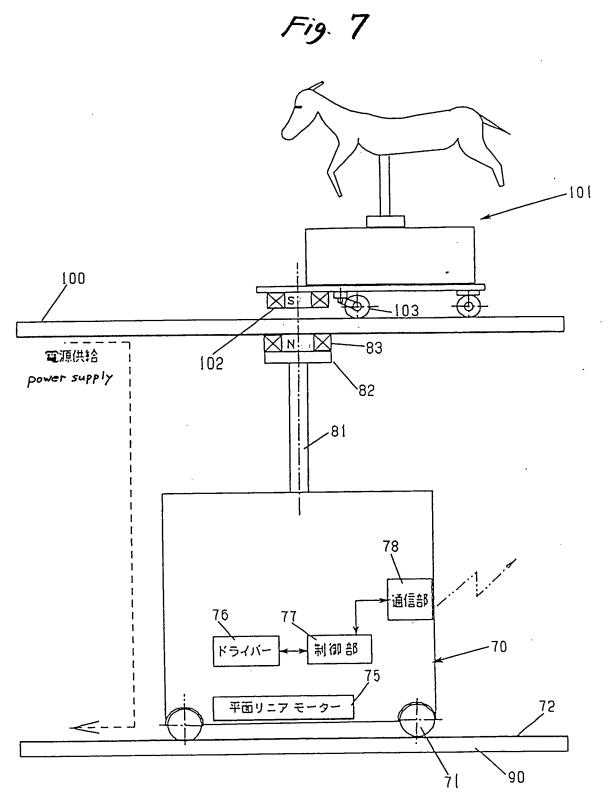
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- (3) speed control
- (4) phase control
- (5) three-phase pulse width modulation
- (6) three-phase power driving
- (7) current detection
- (A) X-direction motor driving instruction (pulse train or commands)
- (B) Y-direction motor driving instruction (pulse train or commands)
- (C) three-phase biaxial planar linear motor
- (D) same circuit as circuit for X-direction

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75: planar linear motor

76: motor driver

77: controller

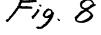
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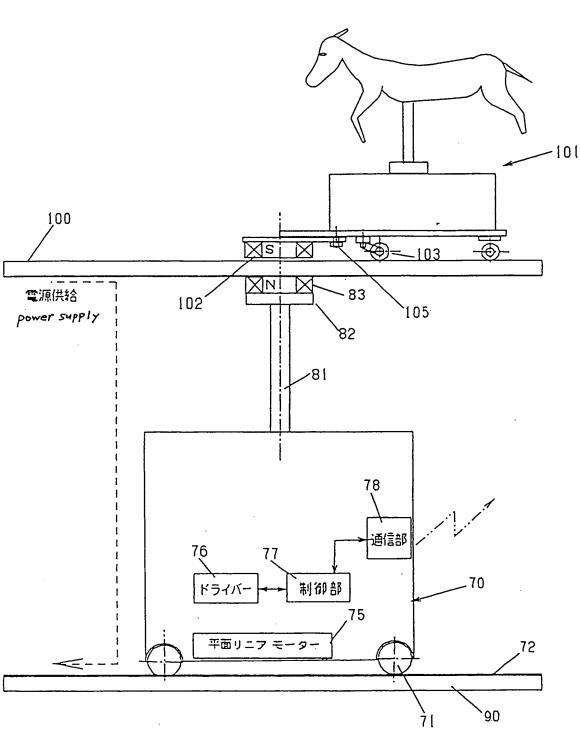
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78: communicator

5 of 8





75: planar linear motor

76: motor driver

77: controller

78: communicator

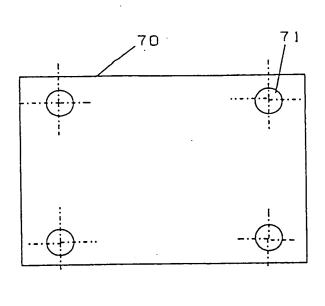
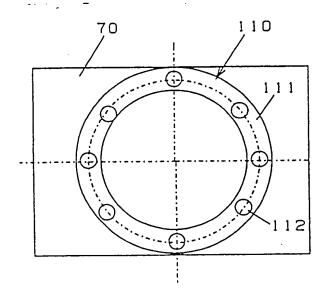


Fig. 9



The first state of the state of

Fig. 10

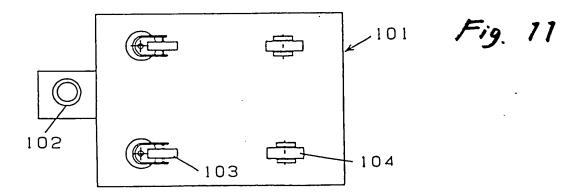
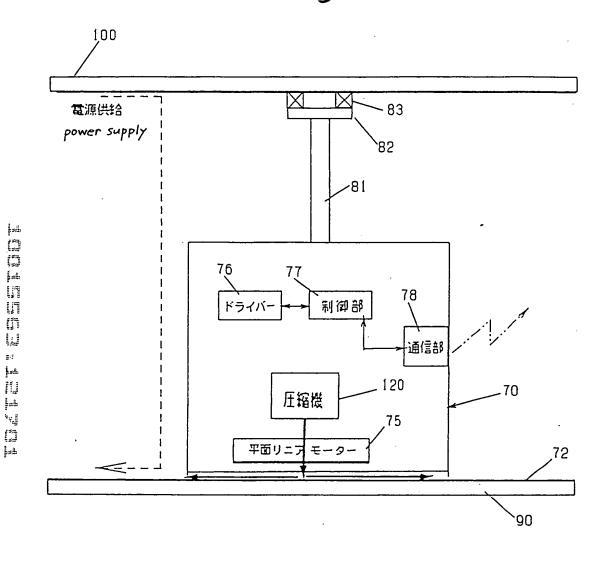


Fig. 12



75: planar linear motor

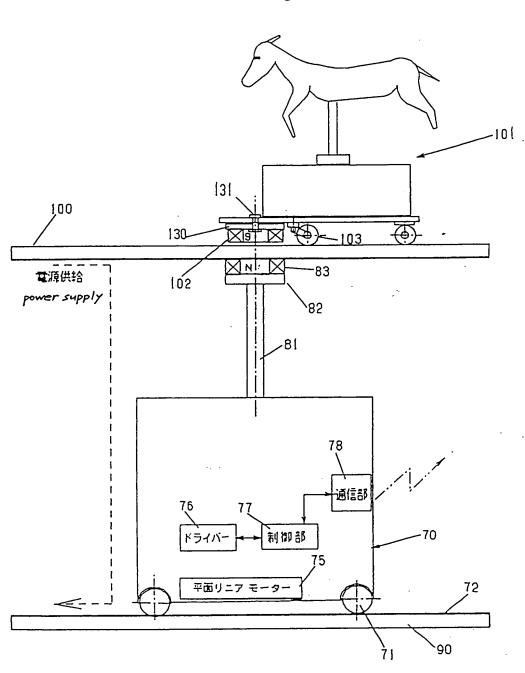
76: motor driver

77: controller

78: communicator

120: compressor





75: planar linear motor

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76: motor driver

77: controller

78: communicator